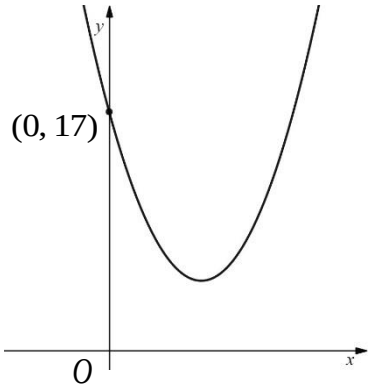
Question	Scheme	Marks	AOs
5(a)	$a = 3$	B1	1.1b
	$(x \pm 2)^2$	M1	1.1b
	$3(x-2)^2 + 5$	A1	1.1b
		(3)	
(b)	(2, 5)	B1ft	2.2a
		(1)	
(c)		B1B1	1.1b 1.1b
		(2)	
			(6 marks)

Notes

(a)

B1: $a = 3$ or $3(x \pm ...)^2$

M1: $(x \pm 2)^2$

A1: $3(x-2)^2 + 5$

(b) Mark (b) and (c) together

B1ft: (2, 5) follow through on their part (a) so score for $(-b, c)$ May be seen on their sketch.

(c)

B1: Correct positive quadratic shape with a minimum in the first quadrant

B1: y-intercept at $(0, 17)$. Condone 17 marked on the y-axis for this mark